

# Utah Department of Environmental Quality

## Division of Air Quality

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### 2011-2012 Winter Ozone Study—Participant Quotes

#### **Utah State University/Energy Dynamics Lab**

“EDL’s role in the 2012 Uintah Basin Winter Ozone and Air Quality Study includes operating ozone monitors distributed throughout the Uintah Basin. Ozone precursor sampling and meteorological measurements also will be made at some of these ozone monitor sites. EDL will also operate environmental trailers at two locations to monitor long-term trends in ozone and associated precursors, and EDL will update and expand existing emissions inventories of ozone precursors in the Uintah Basin. The intent of these efforts is to provide information for the design an effective ozone mitigation plan for the Uintah Basin.”

#### **National Atmospheric and Oceanic Administration**

“NOAA analyzed winter ozone data from the Wyoming gas fields and published the first scientific paper showing the ozone production was photochemical and a combination of meteorology, snow cover and concentrated chemical pre-cursor sources. We also predicted that winter ozone production would be found in other basin areas in the western USA.

NOAA has unique in situ field measurement, airborne, laboratory and personnel resources to apply to the Uintah ozone problem that do not exist together anywhere else on Earth.

The Uintah ozone production is hopefully easier to study than in Wyoming due to access and containment within the Uintah Basin.”

#### **Western Energy Alliance**

“Western Energy Alliance is serious about protecting air quality while continuing to develop oil and natural gas in Utah. We are proud to have raised \$1.125 million for the study, with contributions from Anadarko Petroleum, Berry Petroleum, Bill Barrett Corp., EOG Resources, Gasco Energy, Newfield Exploration, QEP Resources, and XTO Energy.”



*Utah Department of*  
**Environmental Quality**  
Enhancing Utah's Quality of Life

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